

LISTING OF CLAIMS

1. (Previously presented) An isolated and purified human occuldin polypeptide having at least about 60% sequence homology with residues 33 to 522 of SEQ. ID. NO: 2, the polypeptide being active in inhibiting epithelial or endothelial barriers.

2. (Previously presented) An isolated and purified human occuldin polypeptide having at least about 80% sequence homology with residues 33 to 522 of SEQ. ID. NO: 2, the polypeptide being active in inhibiting epithelial or endothelial barriers.

3. (Previously presented) An isolated and purified human occuldin polypeptide having at least about 90% sequence homology with residues 33 to 522 of SEQ. ID. NO: 2, the polypeptide being active in inhibiting epithelial or endothelial barriers.

4. - 20. (Cancelled)

21. (Previously presented) A polypeptide according to claim 1 comprising residues 89 to 138 of SEQ. ID. NO: 2.

22. (Previously presented) A polypeptide according to claim 1 comprising residues 196 to 246 of SEQ. ID. NO: 2.

23. (Previously presented) A polypeptide according to claim 2 comprising residues 89 to 138 of SEQ. ID. NO: 2.

24. (Previously presented) A polypeptide according to claim 2 comprising residues 196 to 246 of SEQ. ID. NO: 2.

25. (Previously presented) A polypeptide according to claim 3 comprising residues 89 to 138 of SEQ. ID. NO: 2.

26. (Previously presented) A polypeptide according to claim 3 comprising residues 196 to 246 of SEQ. ID. NO: 2.